

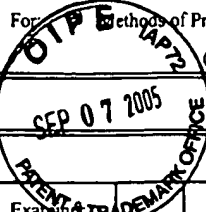
INFORMATION DISCLOSURE STATEMENT BY APPLICANT

For: Methods of Preparation of an Olefin Oligomerization Catalyst
(Use several sheets if necessary)

APPLICANT Ronald D. Knudsen, et al.

FILING DATE 02/20/2004

GROUP 1764



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Examination Initial	Patent Number	Issue Date	Patentee	Class	Sub-class	Filing Date (If Appropriate)
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JP	AD 3 9 3 2 2 8 5	01/13/1976	Ceprini, et al.	252	1	
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JP	AG 3 9 7 7 9 9 6	08/31/1976	Katzakian Jr., et al.	252	431C	
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JP	AI 4 0 1 7 4 2 9	04/12/1977	Steele, et al.	260	2EP	
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JP	AK 4 7 7 7 3 1 5	10/11/1988	Levine, et al.	585	512	
JP	AL 4 8 5 3 3 5 6	08/01/1989	Briggs	502	117	
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JP	AN 5 1 9 8 5 6 3	03/30/1993	Reagen, et al.	556	57	
JP	AO 5 2 8 8 8 2 3	02/22/1994	Reagen, et al.	526	124	
JP	AP 5 3 3 1 0 7 0	07/19/1994	Pettijohn, et al.	526	105	
JP	AQ 5 3 3 1 1 0 4	07/19/1994	Reagen, et al.	585	512	
JP	AR 5 3 4 0 7 8 5	08/23/1994	Reagen, et al.	502	109	
JP	AS 5 3 6 0 8 7 9	11/01/1994	Reagen, et al.	526	129	
JP	AT 5 3 7 6 6 1 2	12/27/1994	Reagen, et al.	502	104	
JP	AU 5 3 8 2 7 3 8	01/17/1995	Reagen, et al.	585	512	
JP	AV 5 3 9 3 7 1 9	02/28/1995	Pettijohn, et al.	502	113	
JP	AW 5 3 9 9 5 3 9	03/21/1995	Reagen, et al.	502	107	
JP	AX 5 4 3 8 0 2 7	08/01/1995	Reagen, et al.	502	117	
JP	AY 5 4 5 1 6 4 5	09/19/1995	Reagen, et al.	526	97	
JP	AZ 5 4 7 0 9 2 6	11/28/1995	Reagen, et al.	526	120	
JP	BA 5 4 9 1 2 7 2	02/13/1996	Tanaka, et al.	585	520	
JP	BB 5 5 2 3 5 0 7	06/04/1996	Reagen, et al.	585	513	
JP	BC 5 5 4 3 3 1 5	08/06/1996	Lashier, et al.	502	117	

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 4081-04401 (210453US01)	SERIAL NO. 10/783,429
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Ronald D. Knudsen, et al.	
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(Use several sheets if necessary)			

U. S. PATENT DOCUMENTS													
Examiner Initial		Patent Number							Issue Date	Patentee	Class	Sub-class	Filing Date (If Appropriate)
<i>JP</i>	BD	5	5	5	0	3	0	5	08/27/1996	Wu	585	513	
<i>JP</i>	BE	5	5	5	7	0	2	6	09/17/1996	Tanaka, et al.	585	522	
<i>JP</i>	BF	5	5	6	3	3	1	2	10/08/1996	Knudsen, et al.	585	513	
<i>JP</i>	BG	5	6	8	9	0	2	8	11/18/1997	Lashier, et al.	585	512	
<i>JP</i>	BH	5	7	3	1	4	8	7	03/24/1998	Tamura, et al.	585	513	
<i>JP</i>	BI	5	7	4	4	6	7	7	04/28/1998	Wu	585	512	
<i>JP</i>	BJ	5	7	5	0	8	1	6	05/12/1998	Araki, et al.	585	512	
<i>JP</i>	BK	5	7	5	0	8	1	7	05/12/1998	Tanaka, et al.	585	520	
<i>JP</i>	BL	5	7	6	3	7	2	3	06/09/1998	Reagen, et al.	585	513	
<i>JP</i>	BM	5	7	8	6	4	3	1	07/28/1998	Reagen, et al.	526	113	
<i>JP</i>	BN	5	8	1	1	6	1	8	09/22/1998	Wu	585	513	
<i>JP</i>	BO	5	8	1	4	5	7	5	09/29/1998	Reagen, et al.	502	117	
<i>JP</i>	BP	5	8	5	6	2	5	7	01/05/1999	Freeman, et al.	502	152	
<i>JP</i>	BQ	5	8	5	6	6	1	0	01/05/1999	Tamura, et al.	585	517	
<i>JP</i>	BR	5	8	5	6	6	1	2	01/05/1999	Araki, et al.	585	522	
<i>JP</i>	BS	5	8	5	9	3	0	3	01/12/1999	Lashier	585	513	
<i>JP</i>	BT	5	9	1	0	6	1	9	06/08/1999	Urata, et al.	585	513	
<i>JP</i>	BU	5	9	1	9	9	9	6	07/06/1999	Freeman, et al.	585	513	
<i>JP</i>	BV	5	9	6	8	8	6	6	10/19/1999	Wu	502	155	
<i>JP</i>	BW	5	9	8	6	1	5	3	11/16/1999	Kallenbach, et al.	585	2	
<i>JP</i>	BX	6	0	3	1	1	4	5	02/29/2000	Commereuc, et al.	585	512	
<i>JP</i>	BY	6	1	0	3	6	5	4	08/15/2000	Commereuc, et al.	502	110	
<i>JP</i>	BZ	6	1	2	7	3	0	1	10/03/2000	Iwanaga, et al.	502	119	
<i>JP</i>	CA	6	1	3	3	4	9	5	10/17/2000	Urata, et al.	585	513	
<i>JP</i>	CB	6	2	2	1	9	8	6	04/24/2001	Commereuc, et al.	526	160	
<i>JP</i>	CC	6	3	3	7	2	9	7	01/08/2002	Mimura, et al.	502	117	
<i>JP</i>	CD	6	3	4	4	5	9	4	02/05/2002	Sen, et al.	585	511	
<i>JP</i>	CE	6	3	8	0	4	5	1	04/30/2002	Kreischer, et al.	585	502	
<i>JP</i>	CF	6	4	5	5	6	4	8	09/24/2002	Freeman, et al.	526	161	
<i>JP</i>	CG	6	5	2	1	8	0	6	02/18/2003	Tamura, et al.	585	512	

Partwork

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"	"	JP	DB CA 2087578 A1	07/20/1994	Canada			X	
55	X	JP	DC CA 2115639 C	10/19/2004	Canada			X	
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X	"	JP	DO JP 7017878	01/20/1995	Japan			X	
X	"	JP	DP JP 7018013	01/20/1995	Japan			X	
X	"	JP	DQ JP 7118173	05/09/1995	Japan			X	
X	"	JP	DR JP 7118174	05/09/1995	Japan			X	
X	"	JP	DS JP 7118175	05/09/1995	Japan			X	
Y	"	JP	DT JP 7118324	05/09/1995	Japan			X	
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								Yes	No
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X	JP	DX	JP 7118328	05/09/1995	Japan			X	
X	JP	DY	JP 7149671	06/13/1995	Japan			X	
X	JP	DZ	JP 7149672	06/13/1995	Japan			X	
X	JP	EA	JP 7149673	06/13/1995	Japan			X	
X	JP	EB	JP 7149674	06/13/1995	Japan			X	
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X	JP	EE	JP 7149677	06/13/1995	Japan			X	
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X	JP	EJ	JP 8151409	06/11/1996	Japan			X	
X	JP	EK	JP 8183747	07/16/1996	Japan			X	
X	JP	EL	JP 8239330	09/17/1996	Japan			X	
X	JP	EM	JP 8239331	09/17/1996	Japan			X	
X	JP	EN	JP 8239418	09/17/1996	Japan			X	
X	JP	EO	JP 8245429	09/24/1996	Japan			X	
X	JP	EP	JP 8245430	09/24/1996	Japan			X	
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X	JP	ER	JP 8283330	10/29/1996	Japan			X	
X	JP	ES	JP 8283332	10/29/1996	Japan			X	
X	JP	ET	JP 8301921	11/19/1996	Japan			X	
X	JP	EU	JP 8301922	11/19/1996	Japan			X	
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X	JP	EW	JP 8301924	11/19/1996	Japan			X	
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100	JP	FA	JP 8325319	12/10/1996	Japan			X	
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X	JP	FC	JP 9012627	01/14/1997	Japan			X	
X	JP	FD	JP 9020692	01/21/1997	Japan			X	
X	JP	FE	JP 9020693	01/21/1997	Japan			X	
X	JP	FF	JP 9040710	02/10/1997	Japan			X	
11	JP	FG	JP 9087318	03/31/1997	Japan			X	
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X	JP	FN	JP 9262480	10/07/1997	Japan			X	
X	JP	FO	JP 9268133	10/14/1997	Japan			X	
X	JP	FP	JP 9268134	10/14/1997	Japan			X	
X	JP	FQ	JP 9268135	10/14/1997	Japan			X	
14	JP	FR	JP 10007593	01/13/1998	Japan			X	
X	JP	FS	JP 10007594	01/13/1998	Japan			X	
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(20)	JP	FU	JP 10007681	01/13/1998	Japan			X	
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X	JP	GA	JP 10045638	02/17/1998	Japan			X	
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X		GD	JP 10087517	04/07/1998	Japan			X	
X		GE	JP 10087518	04/07/1998	Japan			X	
X		GF	JP 10101587	04/21/1998	Japan			X	
X		GG	JP 10218799	08/18/1998	Japan			X	
X		GH	JP 11060511	03/02/1999	Japan			X	
X		GI	JP 11060626	03/02/1999	Japan			X	
X		GJ	JP 11092407	04/06/1999	Japan			X	
X		GK	JP 11092408	04/06/1999	Japan			X	
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X		GM	JP 2000202299	07/25/2000	Japan			X	
X		GN	JP 2000212212	08/02/2000	Japan			X	
X		GO	JP 2001002724	01/09/2001	Japan			X	
X		GP	JP 2001009290	01/16/2001	Japan			X	
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X		GR	JP 2001149788	06/05/2001	Japan			X	
X		GS	JP 2001187345	07/10/2001	Japan			X	
X		GT	JP 2002045703	02/12/2002	Japan			X	
X		GU	JP 2002102710	04/09/2002	Japan			X	
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X		GW	JP 2002233764	08/20/2002	Japan			X	
X		GX	JP 2002233765	08/20/2002	Japan			X	
X		GY	JP 2002066329	03/05/2002	Japan			X	
X		GZ	JP 2002200429	07/16/2002	Japan			X	
X		HA	JP 2002205960	07/23/2002	Japan			X	
X		HB	JP 2003071294	03/11/2003	Japan			X	
X		HC	JP 2003088760	03/25/2003	Japan			X	
X	JP	HD	JP 2004136270	05/13/2004	Japan			X	
X	JP	HE	JP 2004136271	05/13/2004	Japan			X	

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								Yes	No
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		HG	KR 2003029253	04/14/2003	Korea			X	
X	JP	HH	WO 94/15940	07/21/1994	WIPO				X
"	JP	HI	WO 99/19280	04/22/1999	WIPO			X	
"	JP	HJ	WO 00/37175 A1	06/29/2000	WIPO			X	
"	JP	HK	WO 01/38270 A1	05/31/2001	WIPO			X	
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"	JP	HM	WO 01/48028 A1	07/05/2001	WIPO			X	
X	JP	HN	WO 01/68572 A1	09/20/2001	WIPO			X	
"	JP	HO	WO 01/83447 A2	11/08/2001	WIPO			X	
X	JP	HP	WO 02/04119 A1	01/17/2002	WIPO			X	
X	JP	HQ	WO 02/066404 A1	08/29/2002	WIPO			X	
X	JP	HR	WO 02/066405 A1	08/29/2002	WIPO			X	
X	JP	HS	WO 02/083306 A2 & A3	10/24/2002	WIPO			X	
X	JP	HT	WO 03/004158 A2	01/16/2003	WIPO			X	
X	JP	HU	WO 03/024902 A1	03/27/2003	WIPO				X
X	JP	HV	WO 03/053890 A1	07/03/2003	WIPO			X	
X	JP	HW	WO 03/053891 A1	07/03/2003	WIPO			X	
X	JP	HX	WO 2004/056477 A1	07/08/2004	WIPO			X	
X	JP	HY	WO 2004/056478 A1	07/08/2004	WIPO			X	
X	JP	HZ	WO 2004/056479 A1	07/08/2004	WIPO			X	
34 X	JP	IA	WO 2004/056480 A1	07/08/2004	WIPO			X	

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X JP	JE	ANDES, Cecily, et al., "New Tantalum-Based Catalyst System for the Selective Trimerization of Ethene to 1-Hexene," J. Am. Chem. Soc., Vol. 123, No. 30, 2001, pgs. 7423-7424.	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT For: Methods of Preparation of an Olefin Oligomerization Catalyst (Use several sheets if necessary)	APPLICANT Ronald D. Knudsen, et al.	
	FILED DATE 02/20/2004	GROUP 1764

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Examiner <i>P. S. K. K. K.</i> Date Considered <i>12/30/05</i>			
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